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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 10, 2015

Ms. Jane Miller
Agent to Univar Environmental Sciences
c/o Biologic, Inc.
115 Obtuse Hill Road
Brookfield, CT 06804

Subject: Notification per PRN 98-10 – Add a Alternate Brand Name
Product Name: 1 MaxxPro 2F
EPA Registration Number: 73748-9
Application Date: April 3, 2015
Decision Number: 503174

Dear Ms. Miller:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records. The alternate brand name Masterline 1 MaxxPro 2F has been added to the product record.

If you have any questions, you may contact Melody Banks at 703 305 5413 or via email at Banks.Melody@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Melody Banks".

Melody Banks
Environmental Protection Specialist
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

I MAXXPRO 2F

[MASTERLINE I MAXXPRO 2F]

Insecticide

PREVENTS AND CONTROLS SUBTERRANEAN TERMITES, DRYWOOD TERMITES, DAMPWOOD TERMITES, CARPENTER ANTS, AND OTHER WOOD-INFESTING INSECTS

FOLIAR AND SYSTEMIC INSECT CONTROL FOR USE ON TURFGRASS, LANDSCAPE ORNAMENTALS, FRUIT AND NUT TREES, AND INTERIOR PLANTSCAPES.

For use by professional personnel licensed or registered by the state to apply termiticide. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product.

NOTIFICATION

APR 10 2015

ACTIVE INGREDIENT:

Imidacloprid: 1-(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine 21.4%

OTHER INGREDIENTS: 78.6%

Total: 100.0%

Contains 2 pounds of imidacloprid per gallon.

Keep out of reach of children

CAUTION

PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

See inside label booklet for additional precautionary statements.

EPA Reg. No. 73748-9

EPA Est. No. XXXXX-XX-XXX

Net Contents: _ fl. oz.

Manufactured by:
Univar Environmental Sciences
11305 Four Points Drive
Bldg. 1, Suite 210
Austin, TX 78726

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water <i>if</i> able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of soap and water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If in Eyes	<ul style="list-style-type: none"> • Hold eyelids open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
No specific antidote is available. Treat patient symptomatically.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children or pets away from treated area until dry.

Personal Protective Equipment (PPE)

Termiticide Uses:

Applicators and other handlers (mixers and loaders) who handle this product for uses covered by the Worker Protection Standard (40 CFR part 170) – such as sod farms; or who are using this product as a termiticide, must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.
- Shoes plus socks
- Protective eyewear when working in a non-ventilated space or when applying termiticide by rodding or sub-slab injection.

Follow manufacturer's instructions for cleaning/ maintaining personal protective equipment, PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When used as a termiticide, once the product is diluted as directed on the label, shirt, pants, shoes and socks may be worn.

USER SAFETY RECOMMENDATIONS
<p>User should:</p> <ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops, plants, or weeds. Do not apply this product or allow it to drift to blooming crops, plants, or weeds if bees are foraging the treatment area.

This product is toxic to wildlife.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Extreme care must be taken to avoid runoff. Apply only to soil or other fill substrate that will accept the solution at the specified rate. Do not treat soil that is water-saturated or frozen or in any conditions where run-off or movement from the treatment area (site) is likely to occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

See individual sites for specific pollinator protection application restrictions. If none exist under the specific site, for outdoor foliar applications, follow these application directions.



Do not apply I MaxxPro 2F while bees are foraging. Do not apply I MaxxPro 2F to plants that are flowering. Only apply after all flower petals have fallen off.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not use this product on plants being grown for sale or other commercial use for commercial seed production.

Do NOT formulate this product into other end-use products.

APPLICATION AS A TERMITICIDE

INFORMATION

I **MAXXPRO 2F** may be applied as an insecticidal barrier to control and prevent infestations of subterranean termites in and around structures and constructions. In order to establish a barrier between the structure and the termites in the self, the insecticide emulsion must be adequately dispersed in the soil.

For best results, applicators must be familiar with current termite control practices. These practices include trenching, rodding, sub-slab injections, coarse fan spraying of soil surfaces, crack and crevice (void) injection, and excavated soil treatment. Determining which control practices to use is dependent upon the biology and behavior of the species involved.

The standards for subterranean termite control may vary due to regulations, treatment procedures, soil types, construction practices and other factors. Be sure to follow all federal, state and local regulations and treatment standards for protection of structures from termites. Based on local recommendations, use a 0.05% for typical situations and a 0.10% dilution in cases of severe or persistent infestations.

Proper application of I **MAXXPRO 2F** will provide a continuous barrier between the wood and other cellulose material in the structure and the termite colonies in the soil. In some instances where an aerial or an above ground colony is established, supplemental treatments to control the termites, landscape modifications, and / or structural repairs may be needed to deprive the termites of a moisture source.

Structures that contain wells or cisterns within the foundation of the structure can only be treated using the treated backfill method described in the treatment around wells and cisterns section of this label. Consult state and local specifications for recommended distances of wells from treated area, or if such regulations do not exist, refer to Federal Housing Administration Specifications (H.U.D.) for guidance.

MIXING DIRECTIONS

To Mix:

1. Fill tank 1/4 to 1/3 full.

EPA Approved Amendment to add Pollinator Protection Language 12 31 2013
Notification to add alternate brand name 04 03 2015

2. Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
3. Add appropriate amount of I MAXXPRO 2F (see table below).
4. Add remaining amount of water.
5. Let pump run and allow recirculation through the hose for 2 to 3 minutes.

Mix I MAXXPRO 2F with water only using the chart below:

Desired Concentration	Water (Gallons)	I MaxxPro 2F - Pre/Post Construction Insecticide (Fl. Oz.)
0.05%	1	0.3
	2	0.6
	5	1.5
	10	3.0
	25	6.9
	50	13.8
	100	27.5
0.10%	1000	275
	1	0.6
	2	1.2
	5	3.0
	10	6.0
	25	13.8
	50	27.5
100	55.0	
	1000	550

Unit Conversions: 1 pint = 16 fluid ounces (oz.); 1 gallon = 4 quarts = 8 pints = 128 fluid ounces (oz.)

APPLICATION INSTRUCTIONS

Refer to the appropriate section below for specific application instructions. For best results, remove all non-essential wood and cellulose containing material from around crawlspaces, foundation walls, and porches.

In order to eliminate termite access to moisture, repair faulty plumbing and/or construction grade.

NOTE: Definition of Critical Areas: Critical areas include areas where the foundation is penetrated by utility services, cracks and expansion joints, bath traps and areas where cement constructions have been poured adjacent to the foundation as stairs, patios and slab additions.

Application Volume: To provide maximum control and protection against termite infestation, apply the specified volume of the finished water emulsion and active ingredient as set forth in the directions for use section of this label. If soil will not accept the labeled application volume, the volume may be reduced provided there is a corresponding increase in concentration so that the amount of active ingredient applied to the soil remains the same.

Note: Large reductions of application volume reduce the ability to obtain a continuous barrier. Variance is allowed when volume and concentration are consistent with label directed rates and a continuous barrier can still be achieved.

Use Restrictions:

- Plug and fill all holes drilled in concrete slab areas of the building with a suitable sealant after treatment
- Do NOT apply until the location of all heat pipes, ducts, electrical conduits and water and sewer lines are identified.
- Do NOT plant edible plants for consumption in soil that has been treated.
- Do NOT contaminate public or private water supplies, wells and cisterns.
- ALL leaks of I MAXXPRO 2F applications into areas not prescribed on this label must be cleaned up prior to leaving the application site.
- Do NOT allow people or pets to come into contact or to reoccupy contaminated areas until clean up is completed.
- All filling hoses must have an air gap or use anti-backflow equipment.

- Do not treat soil that is water saturated or frozen or in any conditions where runoff or movement from the treatment area (site) is likely to occur.
- Do not treat while precipitation is occurring.
- Do not apply to effluent discharge systems such as leach beds, French drains or sumps.
- All holes in commonly occupied areas into which material has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material. Note: Crawlspace are to be considered inside of the structure.

Use Precautions:

- The applicator must take into account structural design considerations and potential post-application effects from heating, ventilation and air conditioning systems (HVAC) when applying I MAXXPRO 2F indoors.
- The applicator must take into account soil type, soil compaction, grade conditions, utilities and location and type of domestic water supply when applying I MAXXPRO 2F outdoors.
- Use anti-backflow equipment or procedures to prevent siphonage of this product into water supplies in order to prevent contamination of public and private water supplies.
- Consult state and local specifications for recommended distances of wells from treated areas, or if such regulations do not exist, refer to Federal Housing Administration Specifications (H.U.D.) for guidance.

When applying in close proximity to potable water supplies, consult state, Federal or local authorities for information regarding approved treatment practices.

When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site.

FOAM APPLICATIONS

I MAXXPRO 2F may be converted to a foam and depending on circumstances, used alone or in combination with other techniques listed above to control and prevent termite infestation. When used in combination, at least 75% of the gallons of I MAXXPRO 2F must be applied as a typical liquid treatment. The remaining 25% or less gallons may be applied as foam to appropriate locations.

Foam Use:

- When applying the product as a foam application in combination with another method of treatment, do NOT exceed the maximum-labeled application rate.
- Exercise care and safety around electrical utilities. Note location of electrical sources prior to foaming voids to avoid possible shock hazard.

Foam Mixing Instructions:

To generate a 0.05% solution, mix the specified amount of I MAXXPRO 2F (from table below) in water and add the manufacturer's specified amount of foam agent to the solution.

Finished Foam (gallons)	I MaxxPro 2F (fl. oz.)	Water (gallons)	Foam Expansion Ratio
25	6.9	1	25:1
		2.5	10:1
		5	5:1
50	13.8	1	50:1
		2.5	20:1
		5	10:1

Foam Application Instructions:

Foam may be used to treat voids to control or prevent localized infestations of termites and carpenter ants harboring in voids. Application may be made to voids such as: behind veneers, piers (concrete or wood), chimneys, into masonry and stone foundations, into block voids, structural voids (i.e., between stud walls), poles, stumps, and wood in crawlspaces using either the foam alone or in combination with liquid emulsion. Be sure to note the location of electrical sources prior to foaming voids

in order to avoid possible shock hazard.

PRE-CONSTRUCTION SUBTERRANEAN TERMITE CONTROL

Do not apply at a lower dosage and/or concentration than specified on this label for applications prior to the installation of the finished grade.

Prior to each application, applicators must notify the general contractor, construction superintendent, or similar responsible party of the intended termiticide application and intended sites of application and instruct the responsible person to notify construction workers and other individuals to leave the area to be treated during application and until the termiticide is absorbed into the soil.

When treating foundations deeper than 4 feet, apply the termiticide as the backfill is being replaced, or if the construction contractor fails to notify the applicator to permit this, treat the foundation to a minimum depth of 4 feet after the backfill has been installed. The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements, at the rate prescribed from grade to a minimum depth of 4 feet. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Do not treat a structure below the footing.

Horizontal Barriers: Horizontal barriers must be created wherever treated soil will be covered, such as concrete slabs and footings, porches, stairs and crawlspaces.

For a 0.5% application rate, apply 1 gallon of dilution per 10 square feet. If the fill is washed gravel or other coarse material, use a rate of 1.5 gallons of a 0.5% emulsion per 10 square feet. Use a low-pressure spray (no more than 25 psi) and a coarse spray nozzle to make the application. In addition to the above application, apply 4 gallons of solution per 10 linear feet to provide a uniform treated zone in soil at critical areas such as along the inside of foundation walls, and around plumbing, bath traps, utility services and other features that will penetrate the slab.

Vertical Barriers: Vertical barriers must be created around the base of foundations, utility entrances, plumbing, back-filled soil against foundation walls and other critical areas. After completion of grading, apply by trench or trenching and rodding around the slab or foundation perimeter. Apply 4 gallons of solution per 10 linear feet per foot of depth using a low pressure (no more than 25 psi) spray to treat soil which will be placed in the trench after rodding. Be sure to mix the spray solution with the soil when it is being placed in the trench.

- The emulsion must reach the top of the footing when trenching or trenching and rodding into the trench. Rod holes must be spaced so as to achieve a continuous termiticide barrier and must never be more than 12 inches apart.
- Rod holes must not extend below the footing.
- Do not allow soil washout around the footing.
- Trenches do not need to be wider than 6 inches.
- The emulsion should be mixed with the soil as it is being replaced in the trench.
- An inside vertical barrier may not be necessary for monolithic slabs.

Best results may be achieved by rodding in trench followed by flooding of the trench and treatment of backfill as opposed to using soil rodding alone to establish a vertical termiticide barrier.

Crawl Spaces: For crawl spaces, apply vertical termiticide barriers at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing, or if the footing is more than 4 feet below grade; to a minimum depth of 4 feet. Apply by trenching and rodding into the trench, or trenching. Treat both sides of foundation and around all piers and pipes. Where physical obstructions, such as concrete walkways adjacent to foundation elements, prevent trenching, treatment may be made by rodding alone. When soil type and/or conditions make trenching prohibitive, rodding may be used. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Read and follow the mixing and use direction section of the label if situations are encountered where the soil will not accept the full application volume.

- 1) Rod holes and trenches must not extend below the bottom of the footing.
- 2) Rod holes must be spaced so as to achieve a continuous chemical barrier but in no case more than 12 inches apart.
- 3) Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running off. The emulsion must be mixed with the soil as it is replaced in the trench.
- 4) When treating crawl spaces, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil.

Hollow Block Foundations or Voids: Apply to hollow block voids using a rate of 2 gallons of emulsion per 10 linear feet and be sure that the application reaches the top of the footing or soil. As a precaution against application leakage in the treated

areas, applicators must closely examine treatments of voids in block or rubble foundation walls and inspect areas of potential runoff. Note that some areas may not be treatable or may require alteration prior to treatment.

POST-CONSTRUCTION SUBTERRANEAN TERMITE CONTROL

For post-construction treatment, apply I MAXXPRO 2F by injection, trenching, rodding into the trench or coarse fan spray.

Use Restrictions:

- Do NOT make treatments until the locations of all heat and / or air conditioning ducts and vents are known and identified. **Use extreme caution to not contaminate ducts and vents.**
- In commonly occupied areas, plug and fill all holes drilled for application using a non-cellulose material or by covering the hole with a non-cellulose material.
- To avoid soil wash-out when injecting around the foundation, do not use pressures above 25 psi.
- Special care must be taken to distribute the treatment evenly.
- Treatment must NOT extend below the bottom of the footing.

Foundations: Apply 4 gallons per 10 linear feet per foot of depth by trenching or trenching and rodding into the trench along the foundation walls and around pillars and other foundation elements from grade to the top of the footing. When trenching, the trench should be 6 inches deep by 6 inches wide. When the footing is more than 4 feet below grade, the applicator must trench and rod into the trench or trench along the foundation walls at the rate prescribed to a minimum depth of four feet. The actual depth of treatment will vary depending on the location of termite activity, soil type and degree of compaction. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Do not treat a structure below the footing.

Slabs: Vertical barriers may be established within the structure by sub-slab injection and outside the structure by trenching or rodding and trenching. Use a rate of 4 gallons of emulsion per 10 linear feet per foot of depth.

Make applications along the outside of the foundation and where necessary, beneath the slab on the inside of foundation walls. If necessary, treatments may also be made along all cracks and expansion joints, beneath the slab along both sides of interior-supported walls, and to one side of interior partitions.

Where necessary, horizontal barriers may be established by grid pattern injection or by rodding vertically through the slab using the following instructions:

- In order to form a continuous insecticidal barrier, drill holes in the slab and/or foundation no more than 12 inches apart.
- Treat all existing cracks and cold, construction or expansion joints.
- For shallow foundations (1 foot or less), dig a narrow trench approximately 6 inches wide and deep along the outside of the foundation walls being careful to not dig below the bottom of the footing. While replacing the soil in the trench, make the application at a rate of 4 gallons per 10 linear feet per foot of depth being sure to incorporate the emulsion completely into the soil.
- For foundations deeper than 1 foot, follow the rates listed for basements below.
- Exposed soil in bath traps may be treated using a 0.5% emulsion.

Basements: Sub-slab injection may be necessary along the inside of foundation walls, along cracks and partition walls, around pipes, piers, conduits, and along both sides of interior footing-supported walls.

When the footing is greater than 1 foot deep from grade to the bottom of the foundation, apply 4 gallons of emulsion per 10 linear feet per foot of depth by trenching and rodding into the trench or injecting. When the footing is more than four feet below grade, apply using the same rate listed above by either trenching and rodding into the trench or trench along foundation walls at the rate prescribed for four feet of depth. Soil type, degree of compaction, and location of termite activity will determine the maximum depth of application.

- In order to form a continuous insecticidal barrier, rod holes must be no more than 12 inches apart.
- Do NOT treat any structure below the footing.

Bath Traps: Treat exposed soil or soil covered with tar or a similar type sealant beneath and around plumbing and/or drain pipe entry areas with 3 gallons of emulsion per square foot. Cut and install an access or inspection vent if not already present. After inspection and removal of any wood or cellulose debris, treat the soil by rodding or drenching.

Accessible Crawlspace: Apply vertical termiticide barriers at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Apply by trenching and rodding into the trench, or trenching. Treat both sides of foundation and around all piers and pipes. Where physical obstructions such as concrete walkways adjacent to foundation elements prevent trenching, treatment may be made by rodding alone. When soil type and/or conditions make trenching prohibitive, rodding may be used. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing if situations

are encountered where the soil will not accept the full application volume:

1. Rod holes and trenches must not extend below the bottom of the footing.
2. Rod holes must be spaced so as to achieve a continuous chemical barrier but in no case be more than 12 inches apart.
3. Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running off. The emulsion must be mixed with the soil as it is replaced in the trench.
4. When treating plenums and crawlspaces, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil.

Inaccessible Crawlspaces: For inaccessible interior areas, such as areas where there is insufficient clearance between floor joists and ground surfaces to allow operator access, excavate if possible, and treat according to the instructions for accessible crawlspaces. Otherwise, apply one or a combination of the following two methods:

1. To establish a horizontal barrier, apply to the soil surface, 1 gallon of emulsion per 10 square feet overall using a nozzle pressure of less than 25 psi and a coarse application nozzle. Use one or more extension rods to make the application to the soil for areas that cannot be reached with the application wand. Do not broadcast or powerspray with higher pressures.
2. To establish a horizontal barrier, drill through the foundation wall or through the floor above and treat the soil perimeter at a rate of 1 gallon of emulsion per 10 square feet. Drill spacing must be at intervals not to exceed 16 inches. Many States have smaller intervals; check State regulations that may apply.

Turn off the air circulation systems of the structure until application has been completed and all termiticide has been absorbed by the soil when treating plenums and crawlspaces.

Masonry or Hollow Block Voids: Drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil in order to create a continuous treatment barrier in the area to be treated. Apply at the rate of 2 gallons of solution per 10 linear feet of footing, using a nozzle pressure of less than 25 psi. Drill spacing must be at intervals not to exceed 16 inches (or smaller depending upon specific state regulations). When using this treatment, access holes must be drilled below the sill plate and should be as close as possible to the footing as is practical. Care must be exercised not to drill entirely through and into the structure. Treatment of voids in block or rubble foundation walls must be closely examined. Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the cleanup is completed.

Plenums: Apply at a rate of 4 gallons of solution per 10 linear feet per foot of depth of soil for plenum-type structures that use a sealed underfloor space to heat and/or cool the air in the structure. Ensure the application is made to provide a uniform treated zone adjacent to the foundations walls (both sides), supporting piers, conduit, or plumbing by creating a 6 inch trench or by trenching and rodding (if conditions permit) to the top of the footing. Make a surface application at a rate of 1.5 gallons of emulsion per 10 square feet as a very coarse spray under low pressure (no more than 25 psi when measured at the treating tool with the valve on) to the interior foundation wall if conditions do not permit trenching or rodding. Do not exceed an 18 inch wide treated strip horizontally from the foundation walls, piers or pipes.

When treating plenums, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil.

TREATMENT AROUND WELLS OR CISTERNS: Do not contaminate wells or cisterns.

Structures with Wells/Cisterns Inside Foundations: Structures that contain wells or cisterns within the foundation of a structure can only be treated using the following techniques:

1. Do not apply within 5 feet of any well or cistern by the backfill method or by rodding and/or trenching. Soil between 5 and 10 feet from the well or cistern must be treated by the backfill method only. Application to soil adjacent to water pipes within 3 feet of grade must only be done by the backfill method.
 - (a) Trench and remove soil to be treated onto heavy plastic sheeting or similar material or into a wheelbarrow.
 - (b) Treat the soil at the rate of 4 gallons of dilute emulsion per 10 linear feet per foot of depth of the trench, or 1 gallon per 1.0 cubic feet of soil. Refer to the "Mixing Directions" section of this label. Mix thoroughly into the soil taking care to contain the liquid and prevent runoff or spillage.
 - (c) After the treated soil has absorbed the diluted emulsion, replace the soil into the trench

Structures with Adjacent Wells/Cisterns and/or Other Water Bodies: Applicators must inspect all structures with nearby water sources such as wells, cisterns, surface ponds, streams, and other bodies of water and evaluate, at a minimum, the treatment directions listed below prior to making an application.

1. Prior to treatment, if feasible, expose the water pipe(s) coming from the well to the structure, if the pipe(s) enter the structure within 3 feet of grade.
2. Prior to treatment, applicators are advised to take precautions to limit the risk of applying the termiticide into subsurface drains that could empty into any bodies of water. These precautions include evaluating whether application of the termiticide to the top of the footer may result in contamination of the subsurface drain. Factors such as depth to the drain system and soil type and degree of compaction should be taken into account in determining the depth of treatment.
3. When appropriate (i.e., on the water side of the structure), the treated backfill technique (described above) can also be used to minimize offsite movement of termiticide.

Consult state, local or federal agencies for information regarding approved treatment practices in your area prior to applying near wells or cisterns.

RETREATMENT

Annual retreatment of the structure is prohibited unless there is clear evidence that reinfestation or barrier disruption has occurred.

Retreatment for subterranean termites can only be performed if there is clear evidence of reinfestation or disruption of the barrier due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiticide in the soil. These vulnerable or reinfested areas may be retreated in accordance with application techniques described in this labeling. The timing and type of retreatments will vary depending on factors such as soil types, soil conditions, termite pressure and other factors that may reduce the effectiveness of the barrier.

Retreatment may be performed when a structure is not known to be reinfested and the treated area is not disturbed, ONLY if the structure was last treated five or more years ago and in the judgment of the applicator it is necessary to ensure adequate protection of the structure.

PERIMETER PEST CONTROL

Use Restrictions:

- Do NOT allow this product to contact plants in bloom if bees are foraging the treatment area.
- Do NOT apply to groundcovers that are flowering. Only apply after all petals have fallen.
- Do NOT use this product against native or imported fire ants, pharaoh, or harvester ants.
- Do NOT allow residents or pets in to the immediate application sites during the application or into treated areas until the application has dried.
- Retreat no more than once per month to maintain control.
- Do not apply this product, by any application method to linden, basswood, or other *Tilia* species.

To control ants in houses and other structures, apply a 0.05 to 0.10% solution as a surface, spot, crack, crevice or wall void application. **I MAXXPRO 2F** may be applied where pests enter structures or crawl or hide on buildings, porches, patios and other structures, around doors and windows, eaves and attic vents, utility entry points, soffit areas and other exterior openings including foundation cracks or drilled holes. Spray into the cracks or crevices where ants or their nests are present. Apply to the point of wetting the entire area but not to the point of dripping or runoff from vertical or overhead surfaces.

When ants are trailing or may find food or shelter, treat soil, turf or groundcover using a 0.05 to 0.10% solution sprayed onto the surfaces. For tunneling ants in soil, apply as a drench or soil injection at intervals to create a continuously treated zone. Treat along the edge of walls, driveways or other hard surfaces where ants are tunneling below the surface.

For aerial nests in tree hollows or non-structural wooden construction such as posts, fences and decks, treat the interior cavities and 1 or the nest site with a 0.05 to 0.10% solution as a spray, mist or foam.

NOTE: In the case of severe pest pressure or when rapid knockdown is desired, supplement **I MAXXPRO 2F** treatments with targeted applications of a pyrethroid to doors and windows, utility entry points and other places where the pests enter the structure. Be sure to read and follow the label instructions on all companion products used.

I MAXXPRO 2F may be used as a secondary treatment when another registered termite control product / system is used as the primary treatment for prevention and/or control of subterranean termites. Apply as a spot treatment to critical areas of the structure such as utility and plumbing entry sites, bath traps, expansion joints, foundation cracks and areas with known or

suspected infestations. See the Post-Construction treatment section of this label for specific application instructions.

APPLICATION ON TURFGRASS

I MAXXPRO 2F will control soil-inhabiting pests in grassy areas such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Applications may be made preceding the egg laying activity of the target pests and high levels of control may be achieved when applications are made preceding or during the egg laying period. For best results, make applications prior to egg hatch of the target pests, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Use Restrictions:

- Applications must NOT exceed a total of 1.6 pt. (0.4 lb of active ingredient) per acre per year.
- Keep people and pets off treated areas until dry.
- Do NOT apply through any type of irrigation system.
- Do NOT graze treated areas or use clippings from treated areas for feed or forage.
- Applications must NOT be made when grassy areas are waterlogged or the soil is saturated with water because adequate distribution of the active ingredient cannot be achieved when these conditions exist.
- Do NOT allow runoff or puddling of irrigation water following application.
- Do NOT allow leachate to run out for the first 10 days after application or reduced efficacy may result.
- Do not use on sod farms
- Do not allow this product to contact plants in bloom if bees are foraging the treatment area.

The treated grassy area must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. Do not mow treated areas until after sufficient rainfall or irrigation has occurred in order to maintain the uniformity of the application.

Application Instructions:

Apply **I MAXXPRO 2F** in sufficient water to provide adequate distribution in the treated area. Use of accurately calibrated equipment normally used for soil application of insecticides is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check calibration periodically to ensure that equipment is working properly.

PEST	RATE	APPLICATION INSTRUCTIONS
Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbug Black turfgrass ataeenius Cutworms* European chafer European crane fly Green June Beetle Japanese beetle Northern Masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer	1 .25 to 1.6 pt/A or 0.46 to 0.6 fl. oz. (14 to 17 mL) per 1000 sq. ft.	For best control of grubs, billbugs, annual bluegrass weevil, and European Crane Fly, apply prior to egg hatch of the target pest. Read APPLICATION EQUIPMENT section of this label.
Chinchbugs* Mole crickets	1.6 pt /A or 0.6 fl. oz. (17 mL) per 1000 sq. ft.	For suppression of chinchbugs, apply before hatching of the first instar nymphs. To control mole crickets apply before or during the peak egg hatch period. Use a curative insecticide in addition to I MAXXPRO 2F when adults or large nymphs are present and actively tunneling. Follow label instructions for other insecticides when tank-mixing.

* Suppression only.

Consult your local turf, state Agricultural Experiment Station, or State Extension Service Specialists for more specific information regarding timing of application.

For best control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch.

APPLICATION ON ORNAMENTALS, GROUNDCOVERS AND INTERIOR PLANTSCAPES

I MAXXPRO 2F is a systemic insecticide that may be applied to ornamentals, groundcovers and interior plantscapes in and around industrial and commercial buildings and residential areas. The insecticide is translocated upward into the plant system and for best results must be placed where the growing portions of the target plant can absorb the active ingredient. When applicable, adding a fertilizer containing nitrogen into the spray solution may enhance plant uptake of **I MAXXPRO 2F**.

Ant Management Programs:

I MAXXPRO 2F may be used to limit the honeydew available as a food source or ant populations when controlling aphids, scale insects, mealy bugs and other sucking pests on ornamentals. **I MAXXPRO 2F** applications may be supplemented with bait traps, residual sprays and other methods to further reduce the unwanted ant population.

Woody Perennials:

protection in woody perennials is slower than in herbaceous species and a delay of 2 or more weeks should be expected, with longer delays for larger plants. Because of this, applications to woody perennials should be made well in advance of expected insect activity.

Bark Media:

I MAXXPRO 2F treatments to media with 30 - 50% or more bark content may confer a shorter period of protection.

Use Restrictions:

- Keep people and pets off treated areas until dry.
- Do NOT apply through any type of irrigation system.
- Cover crops for soil building or erosion control may be planter at any time, but do not graze or harvest for food or feed.
- Do NOT graze treated areas or use clippings from treated areas for feed or forage.
- Do NOT apply **I MaxxPro 2F** to soils that are waterlogged or saturated and avoid runoff or puddling of irrigation water following application.
- Do NOT allow leachate to run out for the first 10 days after application or reduced efficacy may result.
- For outdoor applications grown in the ground, DO NOT exceed a total of 1.6 pt. / Acre per year (0 4 lb. A/A)
- Do not apply this product, by any application method to linden, basswood, or other *Tilia* species.

EPA Approved Amendment to add Pollinator Protection Language 12 31 2013

Notification to add alternate brand name 04 03 2015

- Not for use in commercial greenhouses, nurseries, sod farms or grass grown for seed or on commercial fruit and nut trees.

Follow application restrictions listed under the Directions for Use section [on page 3] to protect bees and other insect pollinators.

FOLIAR AND BROADCAST APPLICATIONS

I MAXXPRO 2F may be applied as a broadcast or foliar application to trees (including non-bearing fruit and nut trees), shrubs, evergreens, flowers, foliage plants, ground covers, interior landscapes and vegetable plants intended for resale.

Application Instructions:

Apply **I MAXXPRO 2F** in sufficient water to provide adequate distribution in the treated area. Use of accurately calibrated equipment normally used for soil application of insecticides is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check calibration periodically to ensure that equipment is working properly.

When making foliar applications to plants with hard-to-wet foliage such as holly, pine or ivy, use of a spreader sticker is recommended

PEST	APPLICATION METHOD	RATE	APPLICATION INSTRUCTIONS
Adelgids Aphids Japanese beetles Lace bugs Leaf beetles (including elm and viburnum leaf beetles) Leafhoppers (including glassy-winged sharpshooter) Mealybugs Psyllids Sawfly Larvae Thrips* Whiteflies	Foliar	1.5 fl. oz. (45 mL) per 100 gal of water	Begin applications before the onset of high pest populations and reapply as needed. Note: Applying I MAXXPRO 2F foliarly after soil application in the same crop is not recommended for resistance management purposes.
White grub larvae (such as Japanese beetle larvae, Chafers, Phyllophaga spp. Asiatic garden beetle, Oriental beetle)	Broadcast	0.46 to 0.6 fl. oz. (14 to 17 mL) per 1000 sq. ft.	Use enough water to mix the product and thoroughly apply to the treatment area. Do not use less than 2 gallons of water per 1000 sq ft. For best results, irrigate after application to incorporate I MAXXPRO 2F into the upper soil layer.

* Suppression only

SOIL INJECTION AND SOIL DRENCH APPLICATIONS

PEST	CROP/RATE	APPLICATION INSTRUCTIONS	REMARKS
Adelgids Aphids Armored scales* Black vine weevil larvae Eucalyptus longhorned borer Flatheaded borer (including bronze birch and alder borer) Japanese beetles Lace bugs Leaf beetles (including elm and viburnum leaf beetles) Leafhoppers (including glassy-winged sharpshooter) Leafminers Mealybugs Pine tip moth larvae Psyllids Royal palm bugs Sawfly larvae Soft scales Thrips* White grub larvae Whiteflies	<p>TREES</p> <p>0.1 to 0.2 fl. oz. (3 to 6 mL) per inch of trunk diameter (D.B.H.)</p>	<p>SOIL INJECTION</p> <p>No Soil injection Applications Allowed in Nassau or Suffolk Counties of New York.</p> <p>Grid System: Space holes in a grid pattern on 2.5 foot centers, extending to the drip line of the tree.</p> <p>Circle System: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line.</p> <p>Basal System: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base.</p> <p>SOIL DRENCH</p> <p>Apply uniformly as a drench around the base of the tree in not less than 10 gallons of water per 1000 square feet. Direct application to the root area. Remove plastic or any other barrier</p>	<p>Use enough water to mix the product and inject an equal amount of solution in each hole. Use low pressure and sufficient solution for distribution of the liquid into the treatment area. For best control, keep the treated area moist for 7 to 10 days.</p> <p>Do not use less than 4 holes per tree.</p> <p>For Control of Specified Borers: Trees with existing insect damage and stress may not recover after treatment with I MAXXPRO 2F.</p>
Pine tip moth larvae Psyllids Royal palm bugs Sawfly larvae Soft scales Thrips* White grub larvae Whiteflies	<p>SHRUBS</p> <p>0.1 to 0.2 fl. oz. (3 to 6 mL) per foot of shrub height</p>	<p>SOIL INJECTION</p> <p>RESTRICTION: No Soil injection Applications Allowed in Nassau or Suffolk Counties of New York.</p> <p>Apply at the listed dosage to each plant.</p> <p>SOIL DRENCH</p> <p>Apply uniformly as a drench around the base of the tree in not less than 10 gallons of water per 1000 square feet. Direct application to the root area. Remove plastic or any other barrier that will stop solution from reaching the root zone.</p>	<p>Use enough water to mix the product and inject an equal amount of solution in each hole. Use low pressure and sufficient solution for distribution of the liquid into the treatment area. For best control, keep the treated area moist for 7 to 10 days.</p> <p>Do not use less than 4 holes per shrub.</p>
	<p>FLOWERS AND GROUNDCOVERS</p> <p>0.46 to 0.6 fl. oz. (14 to 17 mL) per 1000 sq ft</p>	<p>Apply as a broadcast soil treatment before planting or apply to plants after petal fall is complete. Mix into soil. For best control on established plants, irrigate thoroughly after application.</p>	
<p>* Suppression only of these species.</p>			

POME FRUIT IN AND AROUND RESIDENTIAL AREAS

Apple, Crabapple, Loquat, Mayhaw, Pear (including Oriental pear), Quince

Restrictions:

- Pre-Harvest Interval (PHI): 7 days
- Applications must NOT exceed a total of 1.6 pt. (0.4 lb of active ingredient) per acre per year.
- Reapplication Interval: At least 10 days
- Maximum Applications per Year: 5
- Do NOT apply through any type of irrigation system.

PEST	RATES	APPLICATION INSTRUCTIONS
Aphids (except Woolly apple aphid) Leafhoppers (including glassy-winged sharpshooter) Leafminer Mealybugs* San Jose scale*	1.5 fl oz (45 mL) per 100 gal or 6.0 fl oz/A**	<p>Apply specified dosage as foliar spray as needed after petal-fall is complete.</p> <p>Rosy Apple Aphid: Apply prior to leafrolling caused by the pest.</p> <p>Leafminer: For first generation control, make first application as soon as petal-fall is complete. Greatest leafminer control will result from the earliest possible application. For second and succeeding generations of leafminer, optimal control is obtained from applications made early in the adult flight against egg and early instar larvae. A second application may be required 10 days later if severe pressure continues or if generations are overlapping. A single application may result in suppression only. I MAXXPRO 2F will not control late stage larvae.</p> <p>San Jose Scale: Time applications to the crawler stage. Treat each generation.</p> <p>Leafhopper: For late season (preharvest) control of species, apply I MAXXPRO 2F while most leafhoppers are in the nymphal stage.</p> <p>Mealybug: For optimal control, insure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.</p>

* Not permitted for control of pears in California.

**The amount of I MAXXPRO 2F required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees.

PECANS IN AND AROUND RESIDENTIAL AREAS

NOT PERMITTED IN CALIFORNIA unless otherwise directed by State Specific 24(c) labeling.

Restrictions:

- Pre-Harvest Interval (PHI): 7 days
- Reapplication Interval: At least 6 days
- Maximum Applications per Year: 3
- Maximum I MAXXPRO 2F allowed per year: 18 fluid ounces/Acre
- Do NOT apply through any type of irrigation system.

PEST	RATES	APPLICATION INSTRUCTIONS
Yellow pecan aphid Black margined aphid Pecan leaf phylloxera Pecan spittlebug Pecan stem phylloxera	1.5 fl. oz. (45 mL) per 100 gal or 6.0 fl. oz./A**	<p>Make foliar applications as pests begin to build before populations become extreme. Two applications at a 10 to 14 day interval may be required to achieve control. Scout and retreat if needed.</p> <p>Thorough uniform coverage of foliage is necessary for optimal control. Addition of an organosilicone-based spray adjuvant at a rate not to exceed the adjuvant manufacturer's use rate may improve coverage.</p>

**The amount of I MAXXPRO 2F required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees.

GRAPES IN AND AROUND INDUSTRIAL AND COMMERCIAL BUILDINGS AND RESIDENTIAL AREAS

Restrictions:

- Pre-Harvest Interval (PHI): 0 days
- Reapplication Interval: At least 14 days
- Maximum I MAXXPRO 2F allowed per year: 6 fluid ounces/Acre
- Do NOT apply through any type of irrigation system.

PEST	RATE	APPLICATION INSTRUCTIONS
Leafhoppers (including glassy-winged sharpshooter) Mealybugs	1.5 fl. oz. (45 mL) per 100 gal or 3.0 fl. oz/A (90 mL/A)	Apply specified dosage as a foliar spray using 200 gallons of water per acre. Applications may be applied up to and including day of harvest.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store water soluble packets in original container and out of reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticide below. In spill or leak incidents, keep unauthorized people away.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of onsite (in the treatment area) or at an approved waste disposal facility.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

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